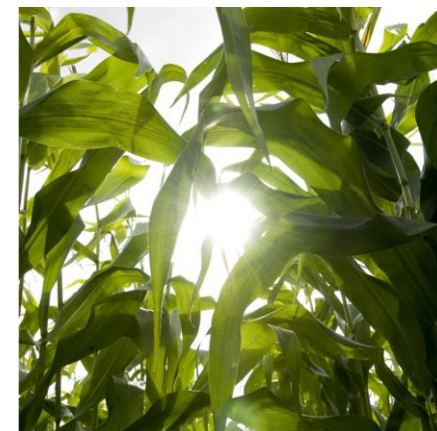
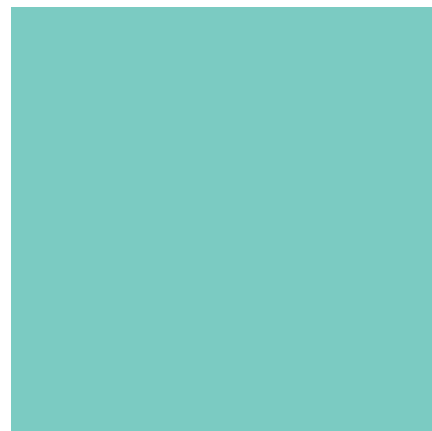




# Berkeley Lab Accident Statistics FY 16 Through

## December 31, 2015



**These slides are updated on a monthly basis as soon as data are reasonably final for the preceding month. Hours worked are estimated monthly and updated with final and actual values quarterly.**

**Refer questions about these charts to [rwfisher@lbl.gov](mailto:rwfisher@lbl.gov)**

# Injury/Illness Cases – December 2015

## Chemical Related

- **HF Splash on PPE**

- A Guest GSRA spilled some ~50% hydrofluoric acid solution in the chemical fume hood while attempting to pour into a reagent bottle after performing an etching process. The employee was using all required PPE. There was no skin contact, but the employee was seen at Health Services.

- **Dermatitis**

- A Carpenter reported to Health Services with skin rash patterns on the face and lower extremities that may have been related to recent use of a wood preservative. (Recordable)

# Injury/Illness Cases – December 2015

## Trauma

- **Contusion and fractured fifth finger**
  - A Biologist Project Scientist/Engineer was lowering the ~40 lb. lid of a New Brunswick Scientific I2500 Series incubator shaker. One of the two piston hinges that control the lid descent failed and the lid dropped and smashed the employee's fifth finger causing a fracture that required surgical repair. (Recordable)
- **Knee strain**
  - A Custodian reported to Health Services with knee pain that developed after kneeling down on floor to plug in a vacuum cleaner. (Recordable)

# Injury/Illness Cases – December 2015

## Slip Trip Fall

- **Contusion at rib cage**
  - A Lighting Technician slipped on an icy spot on the B30 roof foot path and fell to the roof surface causing a contusion of the thoracic area.
- **Finger nail tissue trauma**
  - A Lead Contracts Officer stumbled and fell while ascending an interior stairway. The employee's fingers struck one of the higher stairs causing damage to two finger nails.
- **Lower trunk pain**
  - While seating in workstation chair and rolling from one desk to another the chair wheels struck the edge of the plastic chair mat causing the Senior Benefits Analyst to slip forward off the abruptly stopped chair. The fall to the floor resulted in lower back pain and trauma to the left hand.

# Injury/Illness Cases – December 2015

## Slip Trip Fall

- **Wrist and hand strain**

- An Administrative Assistant slipped off the seat of workstation chair and fell to the floor causing trauma to hand, wrist, and hip. As the employee was starting to sit down, the chair began moving. The employee was wearing a lined coat. The employees body slipped over the coat lining off the edge of the chair pan. The employee would have safely stood up to recover, but the employee's foot was caught on one of the chair castor arms. This caused the employee to fall to the floor. (Recordable)

- **Bruising of lower trunk**

- A Principle Subcontracts Administrator slipped on some water that had been spilled on the floor while walking in the corridor adjacent to the kitchen area in B76. The employee fell to the floor causing trauma to the lower trunk area.

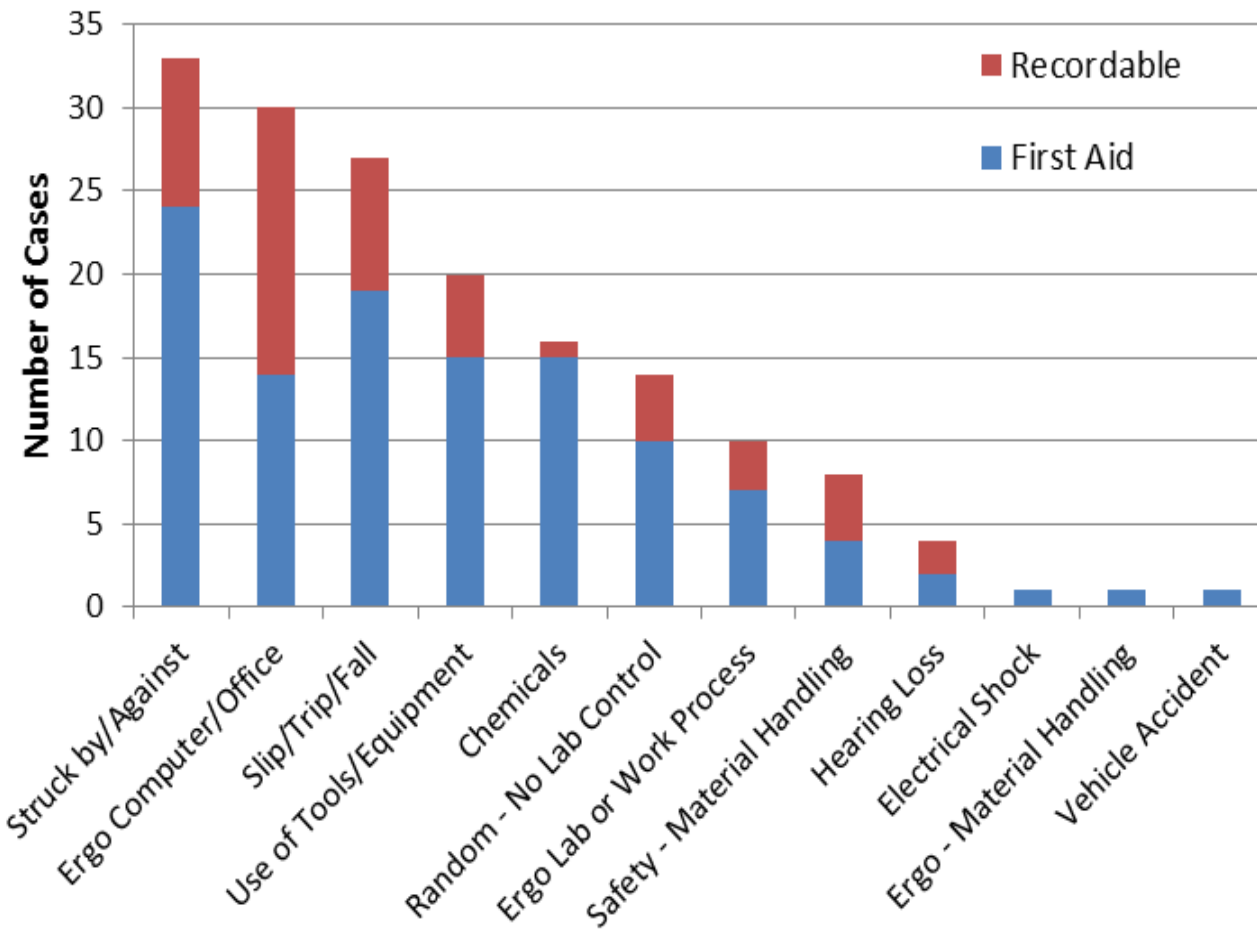
# Injury/Illness Cases – December 2015

## Slip Trip Fall

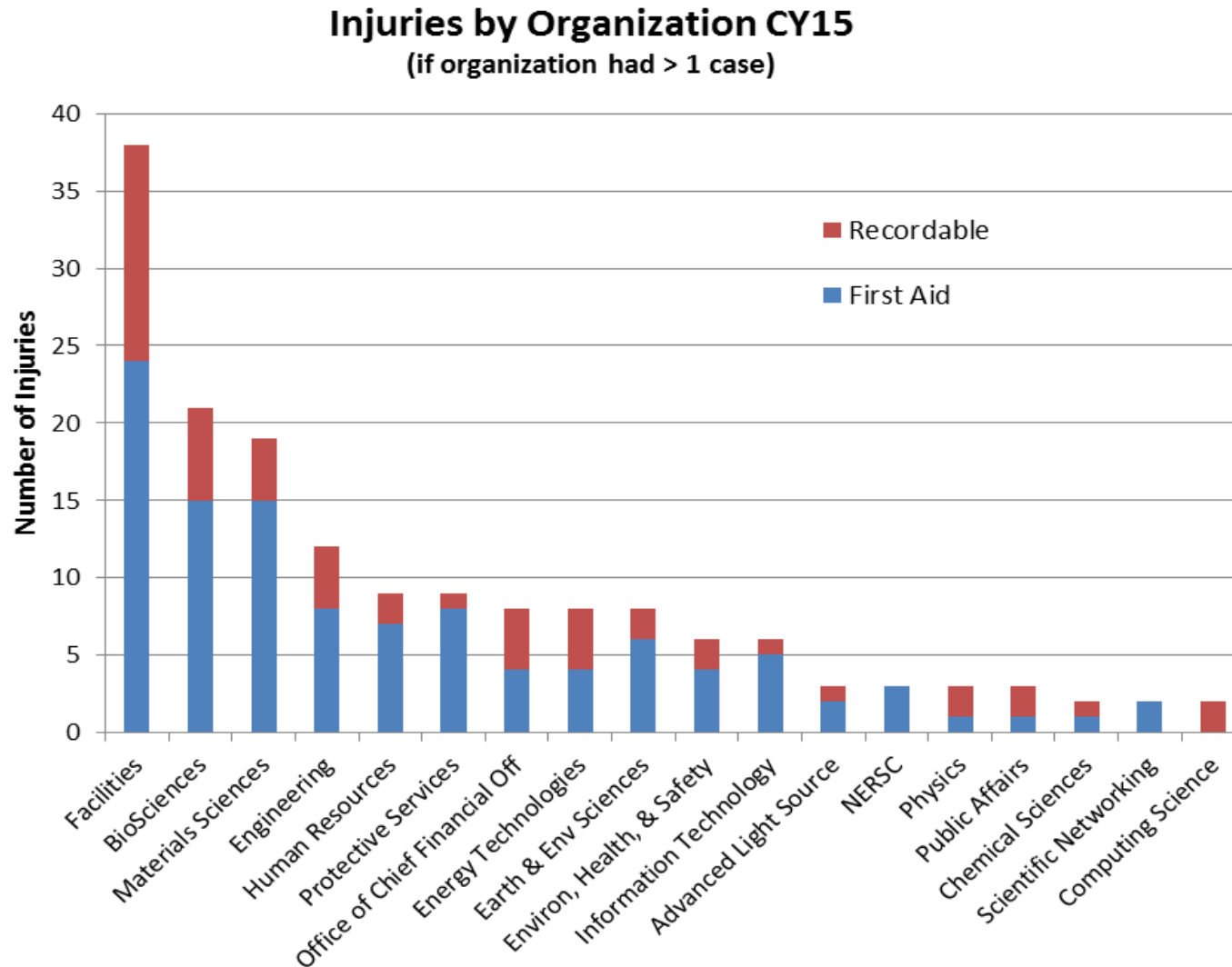
- **Bilateral knee and wrist pain, aggravation of neck and back strain**
  - A Senior Subcontracts Administrator slipped and fell onto knees and hands in the kitchen area at B971 when stepping from one of the floor mats onto the bare floor surface. The floor mat next to the sink had become wet due to a faucet leak. (Recordable)
- **Contusion on lower back**
  - While stepping down from a Kik-Step step stool, an Administrative Specialist missed the first level step (two level step stool) and fell to the side. The employee struck the mid-low back region on a cardboard box causing some bruising.

# Calendar Year 2015 Summary

## Injuries by Cause CY15



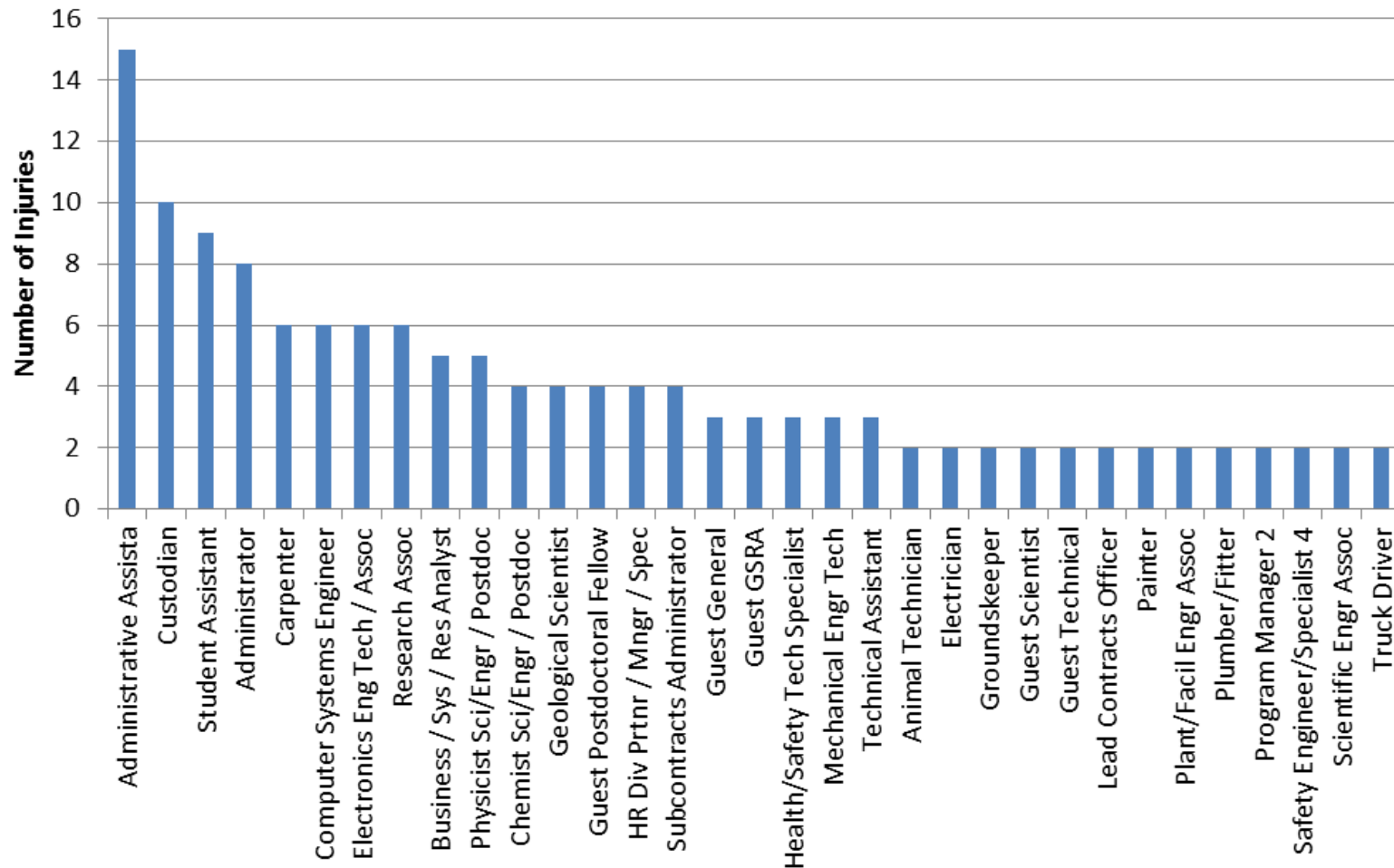
# Calendar Year 2015 Summary





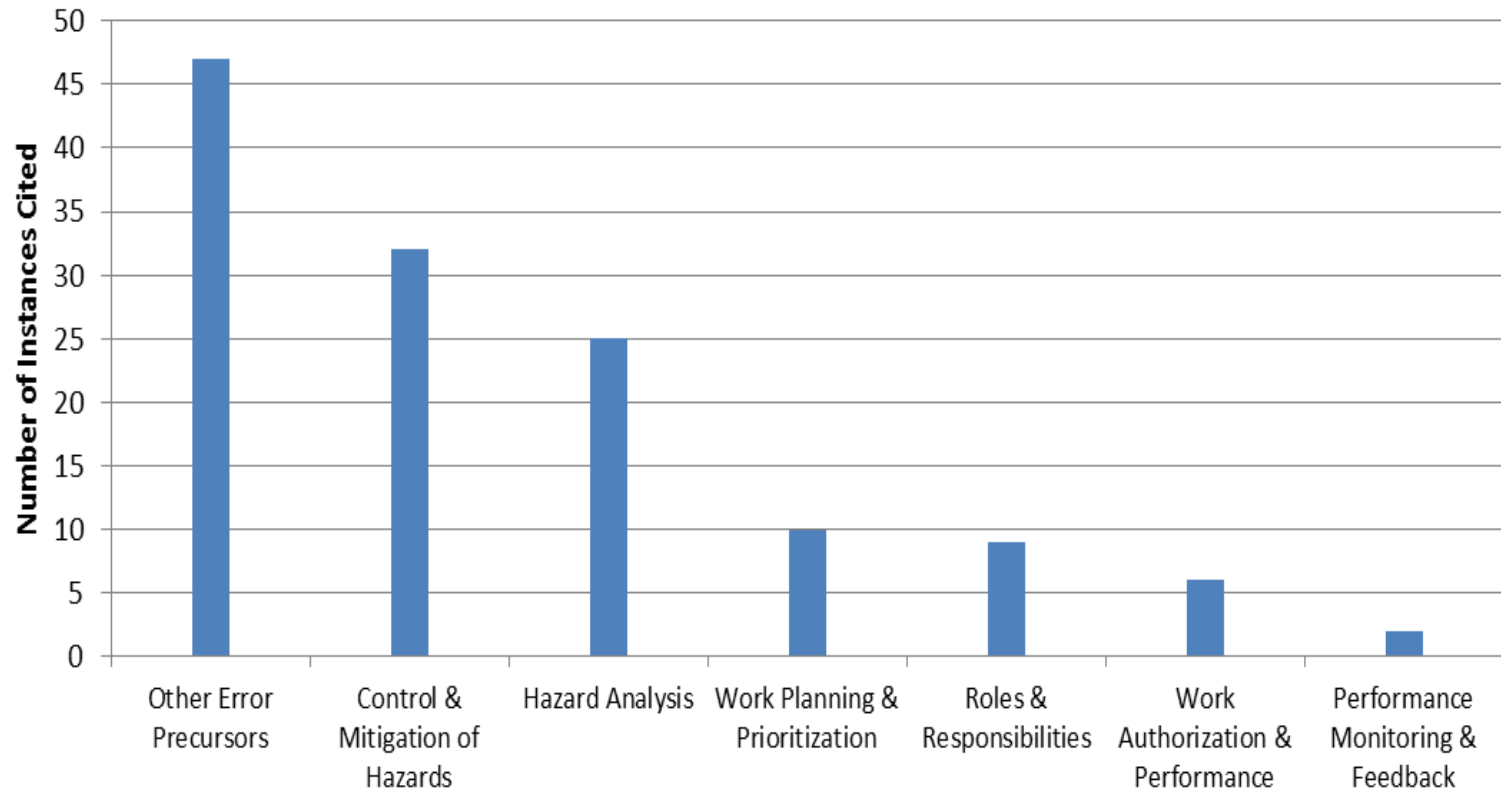
# Calendar Year 2015 Summary

**Injuries by Job Title CY15**  
(for job titles with > 1 case)



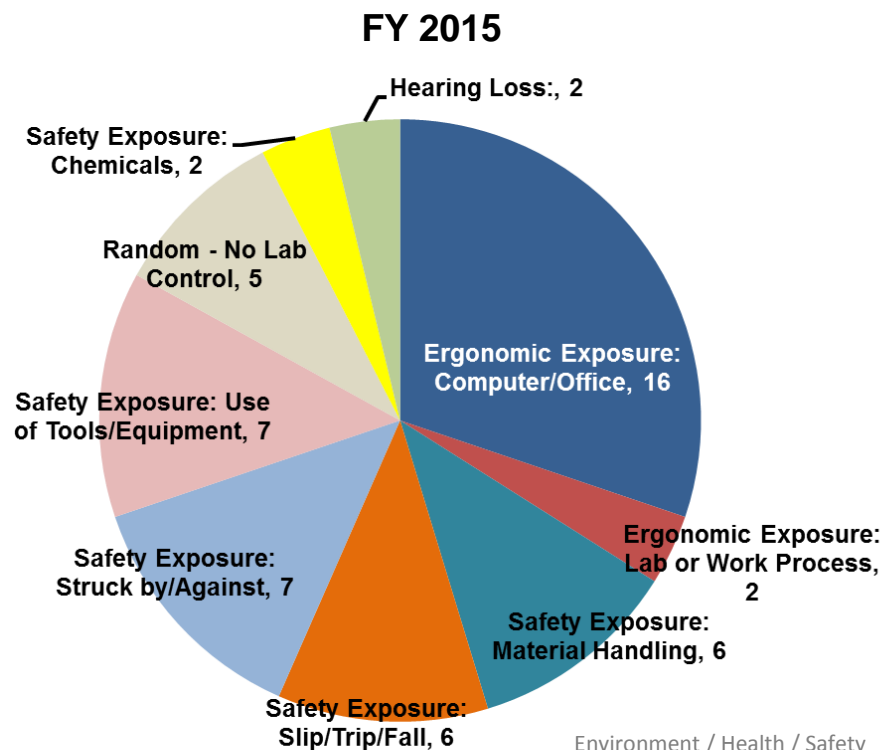
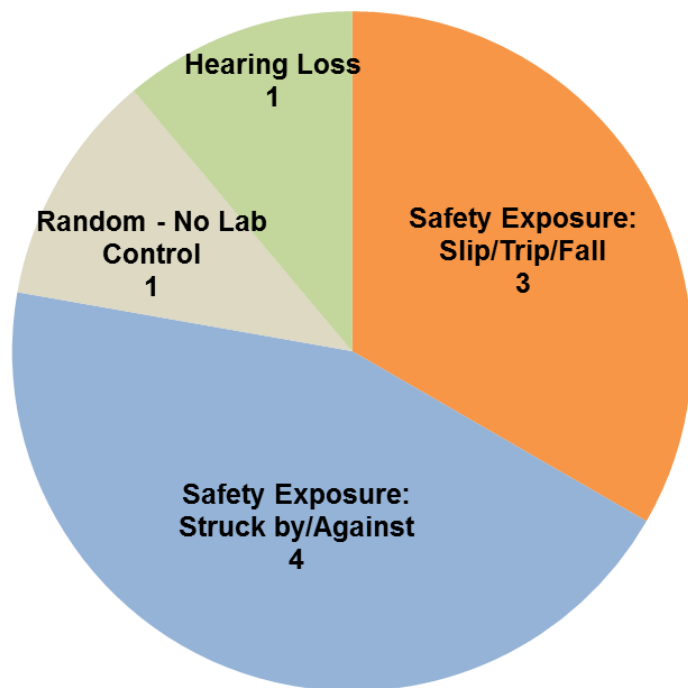
# Calendar Year 2015 Summary

## ISM Associated with Injuries CY15



# Recordable Injury Categories and Causes

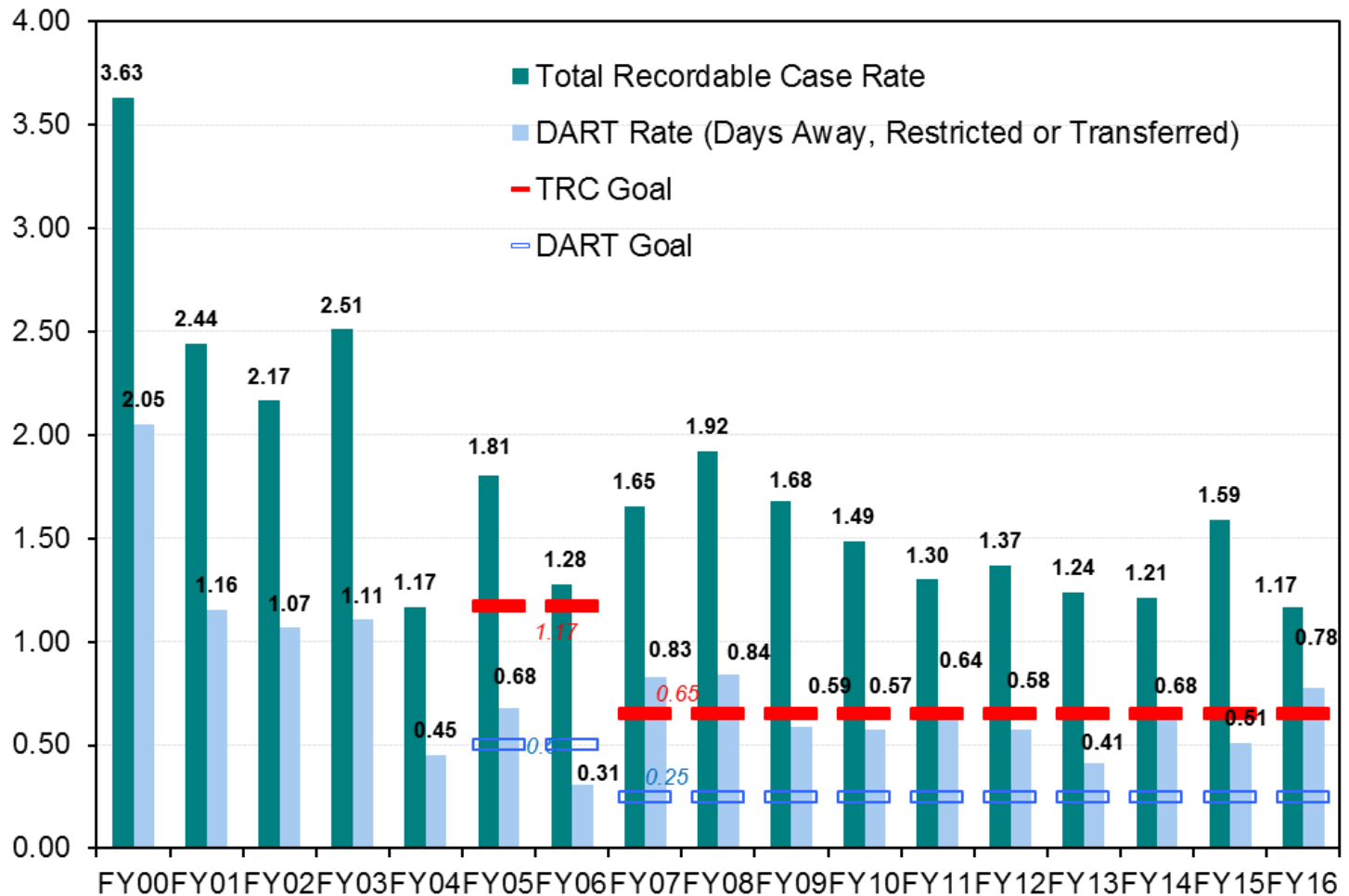
FY 2016 through December 2015



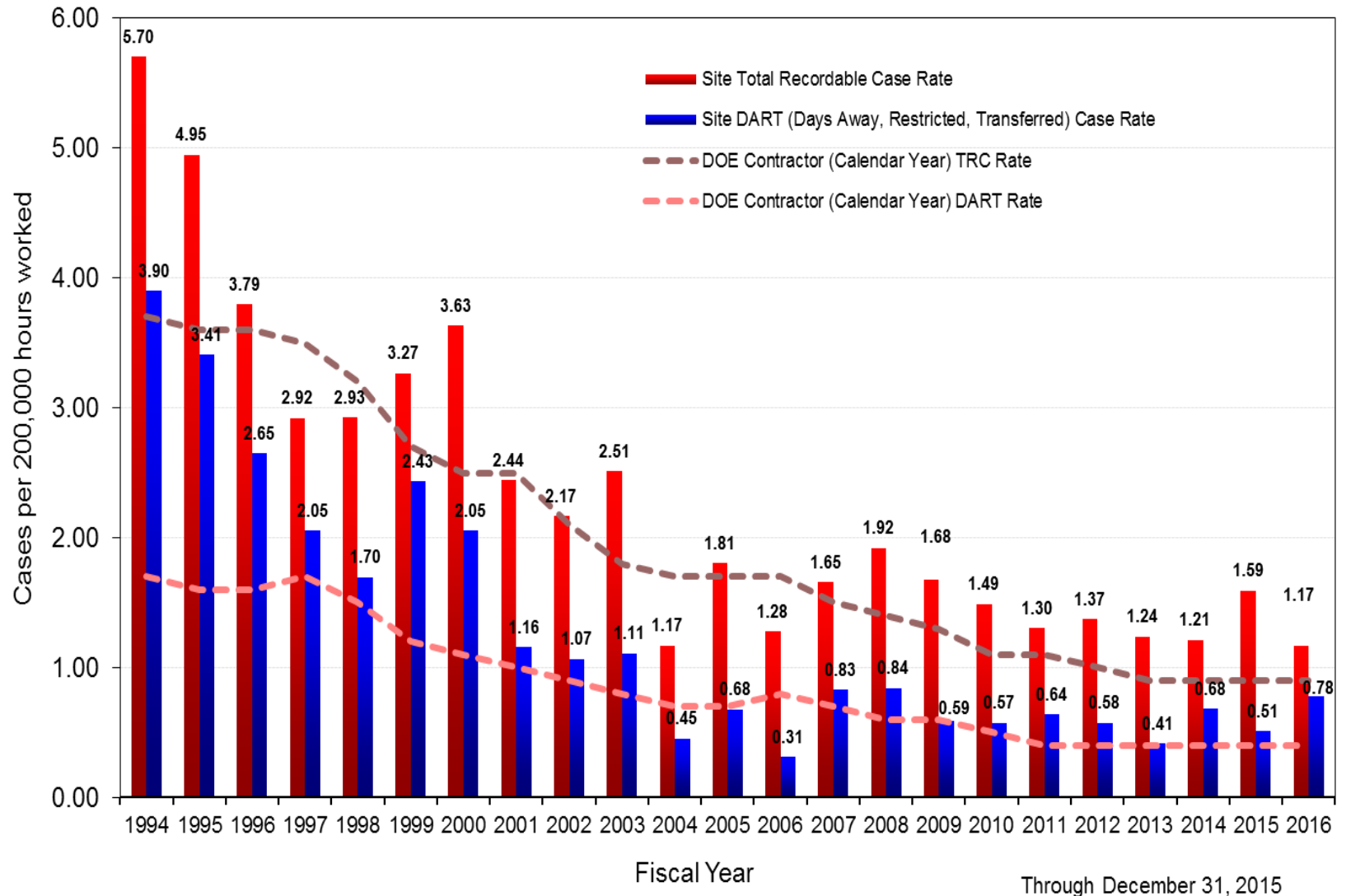
# Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)  
Through December 31, 2015

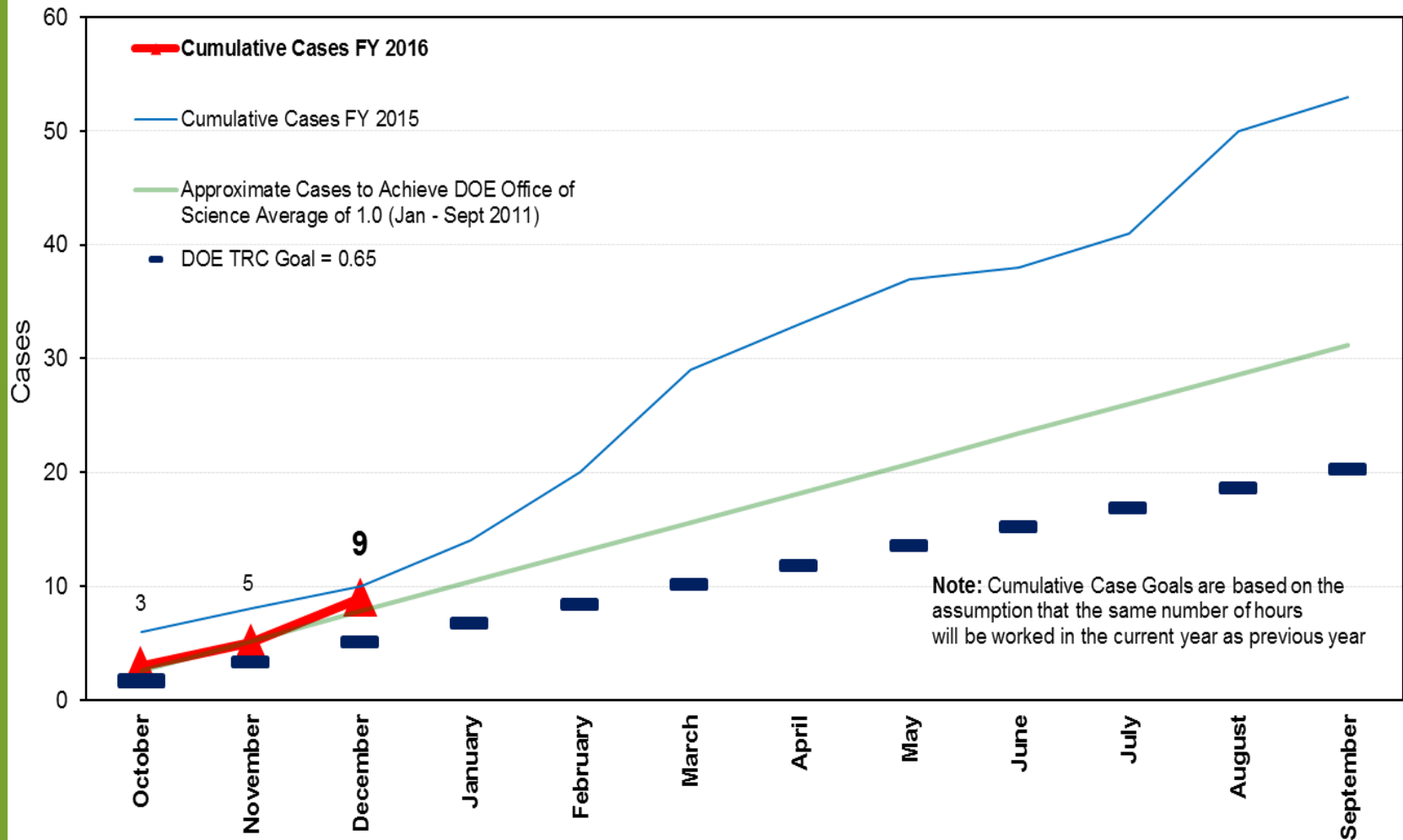
TRC & DART cases per 100 employees per year



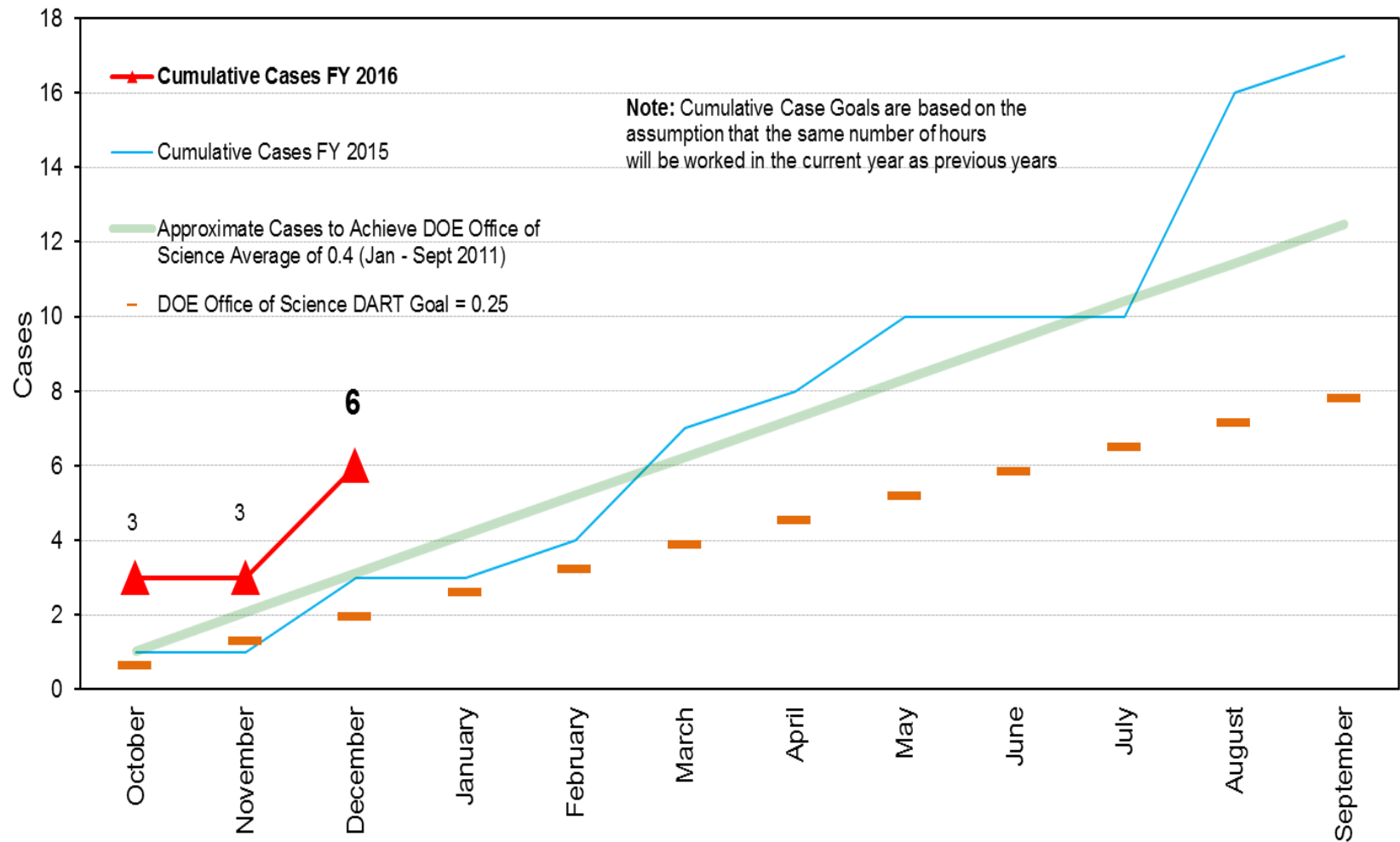
## Berkeley Lab Site Accident Rates



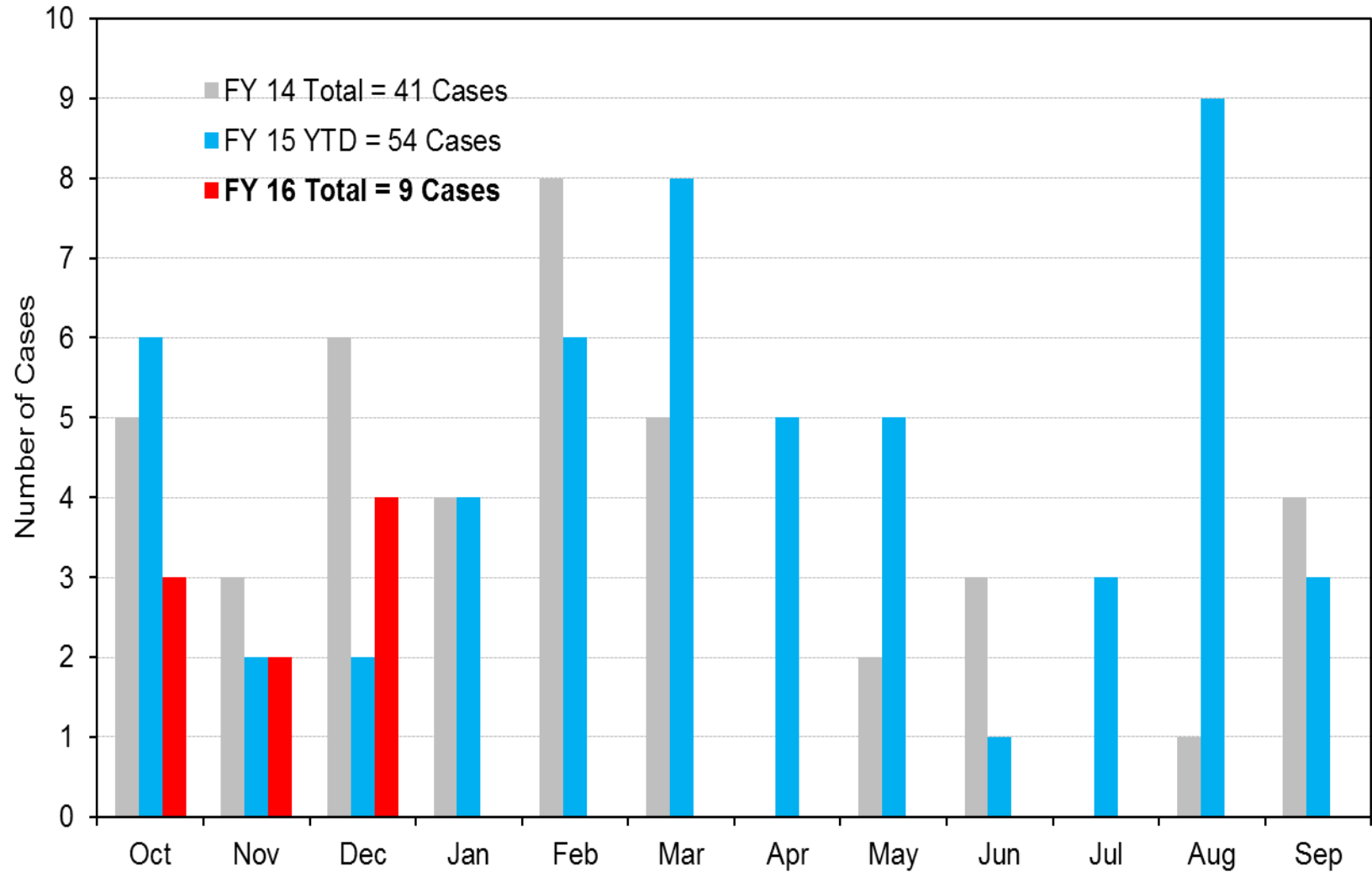
# Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



# Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

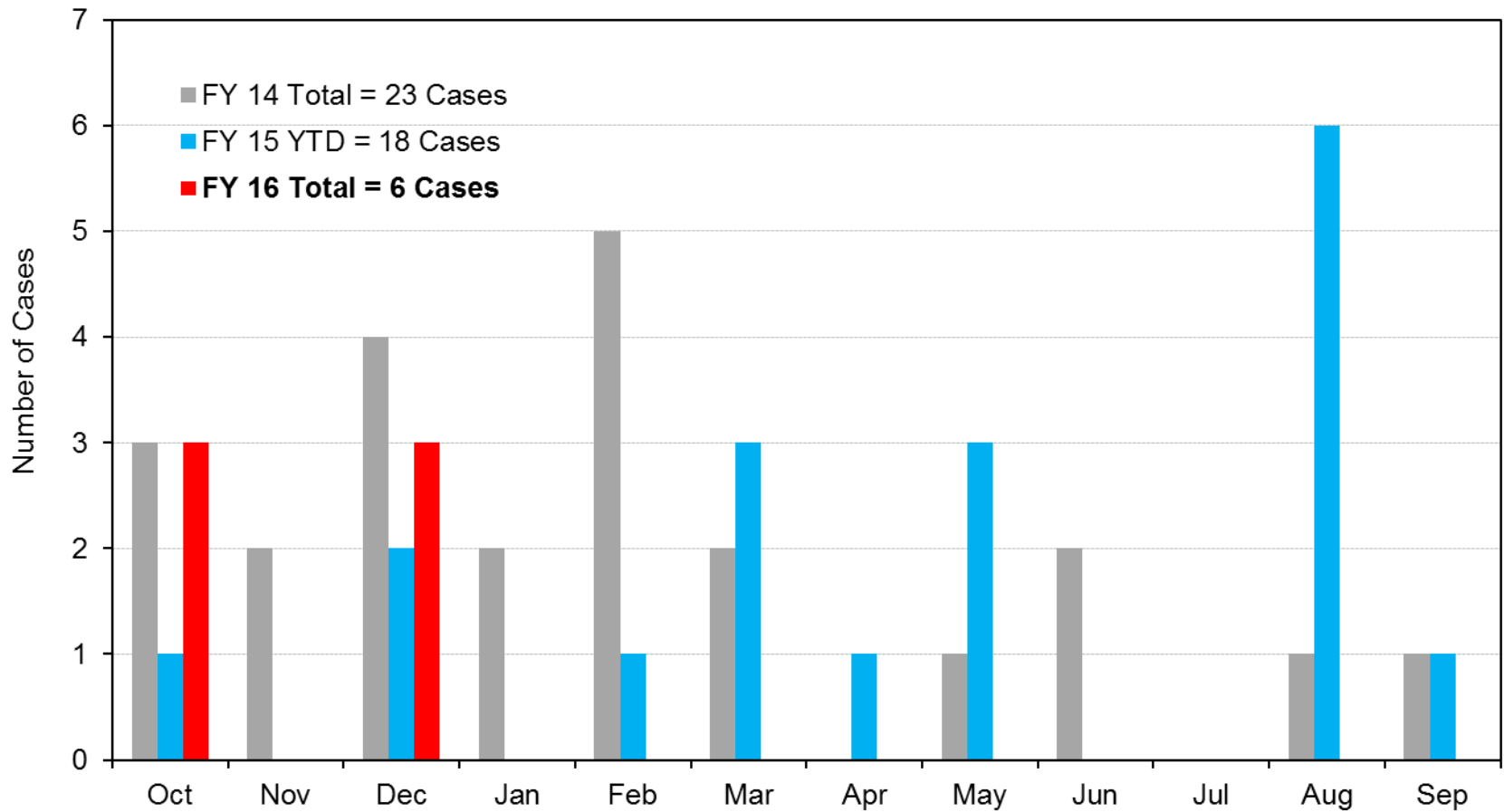


## LBNL Recordable Cases FY14 through December 31, 2015 (FY16)

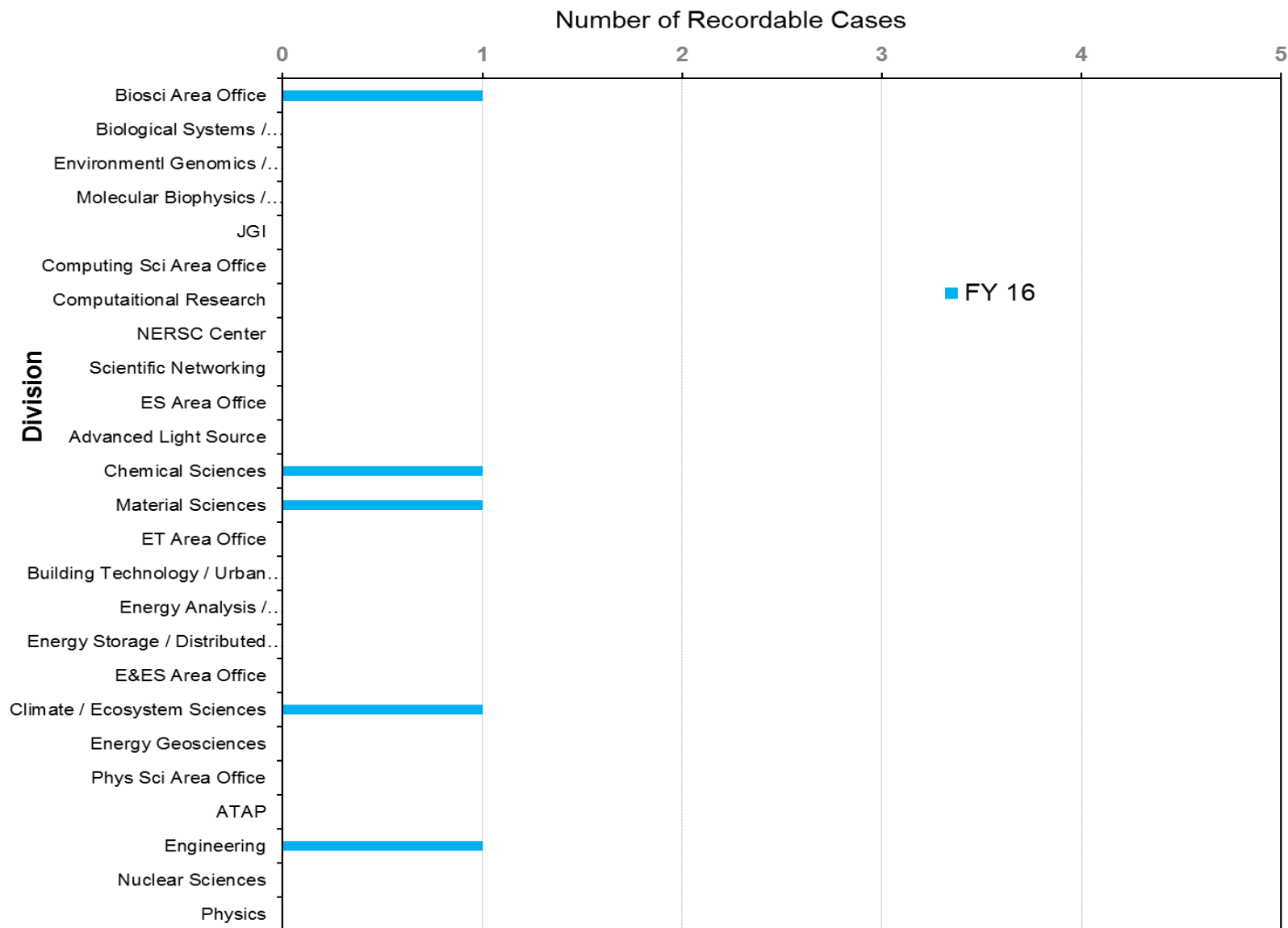




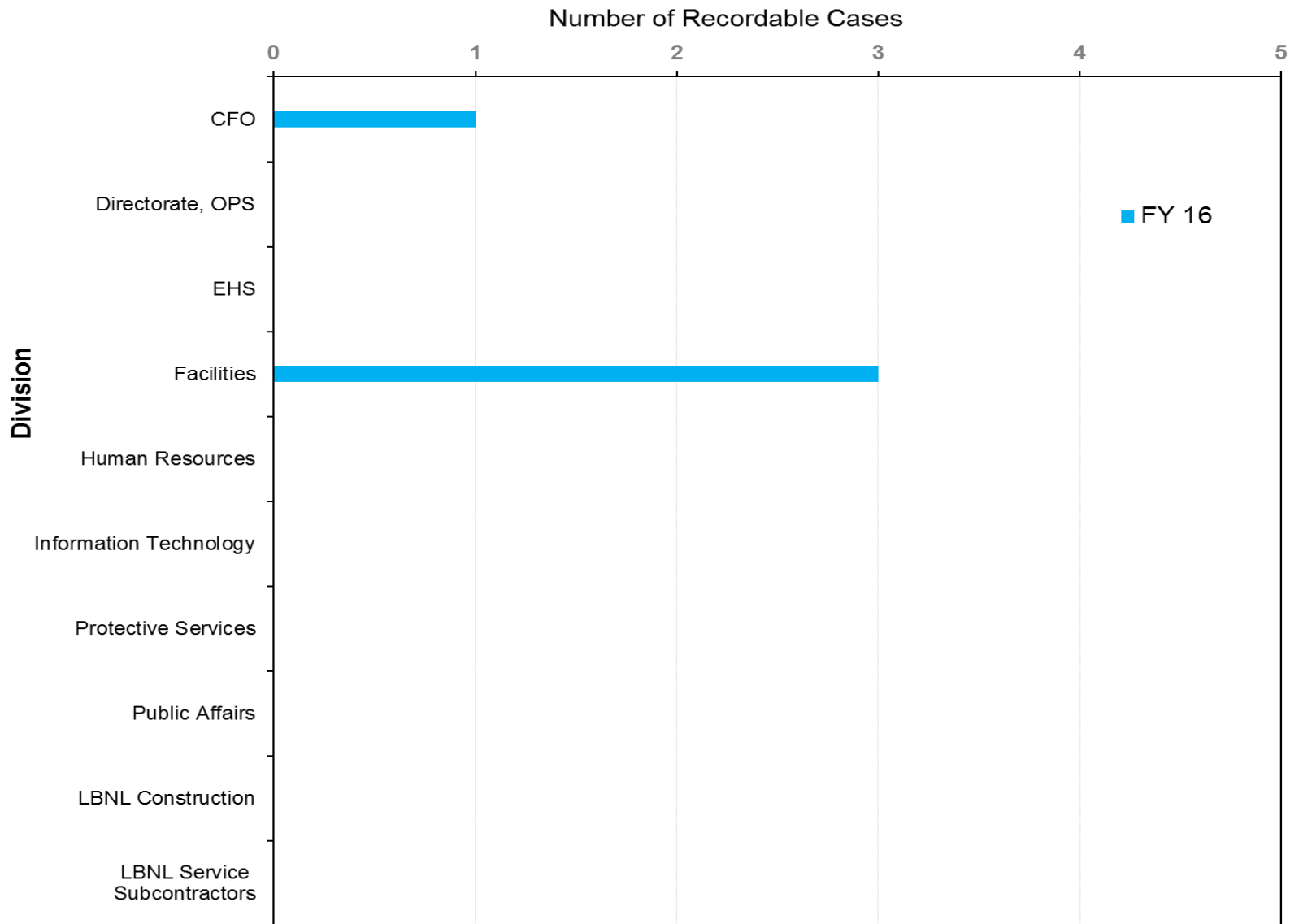
## LBNL DART Cases FY14 through December 31, 2015 (FY16)



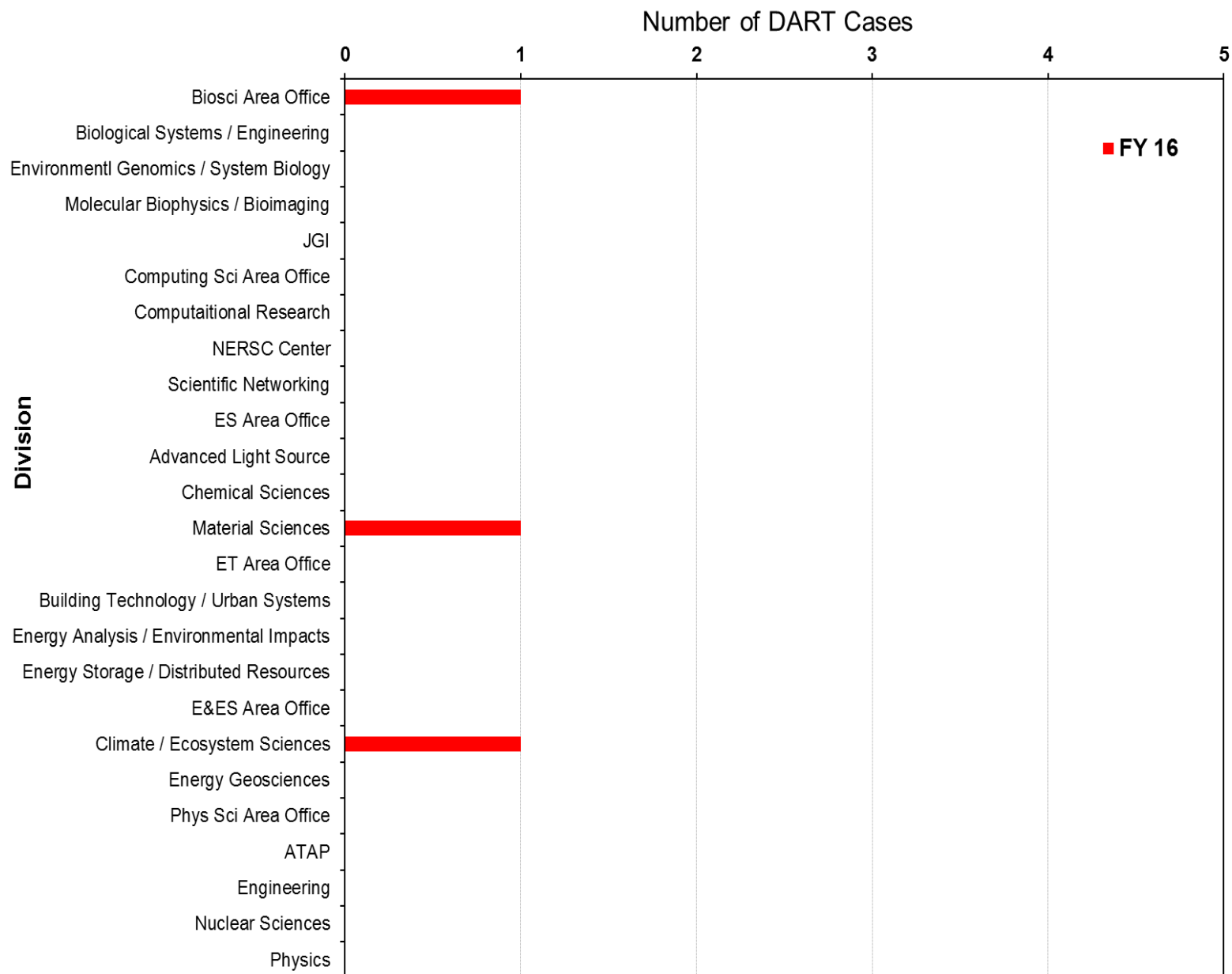
# LBNL Recordable Cases by Research Division FY16 through December 31, 2015



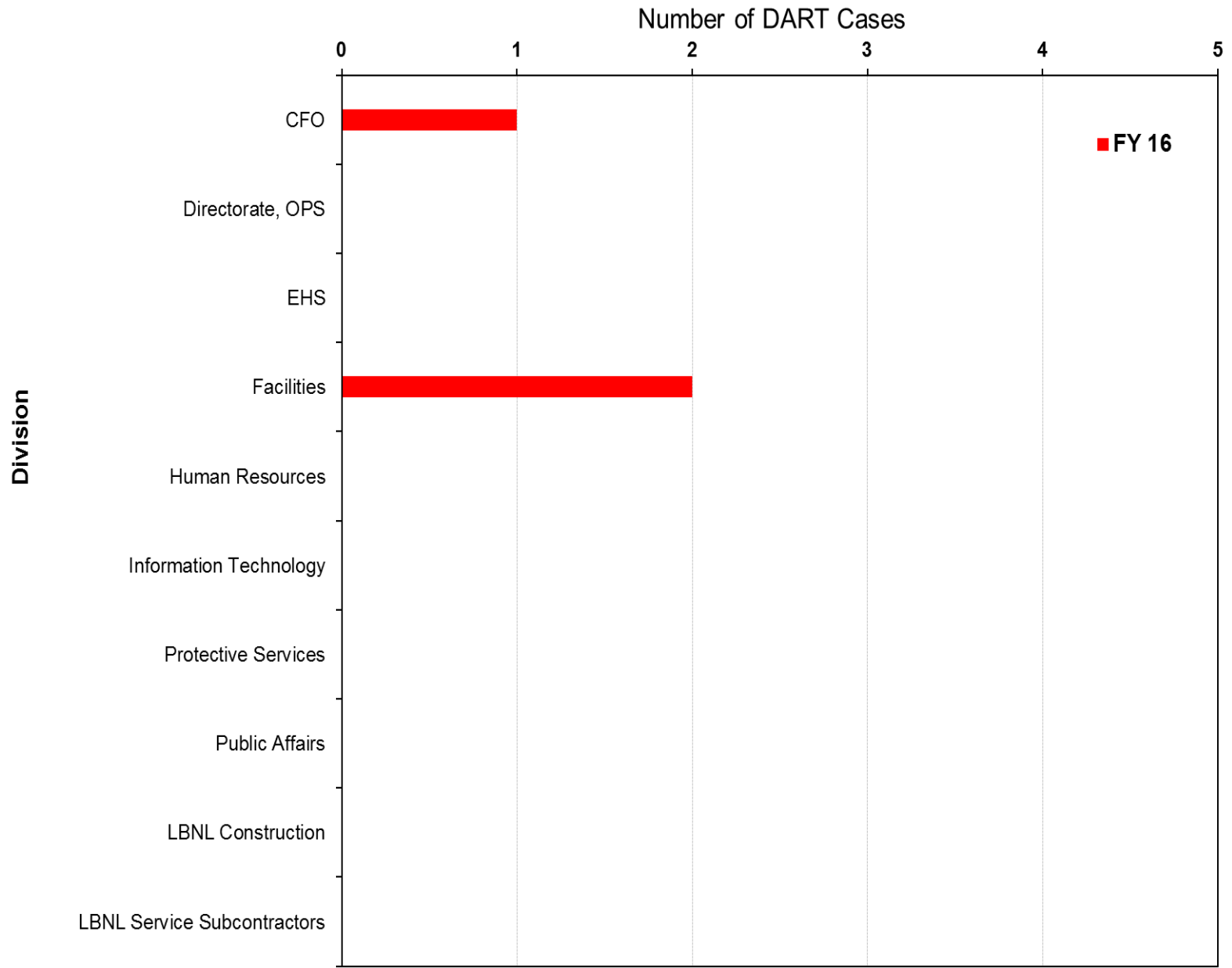
## LBNL Recordable Cases by Ops Division FY16 through December 31, 2015



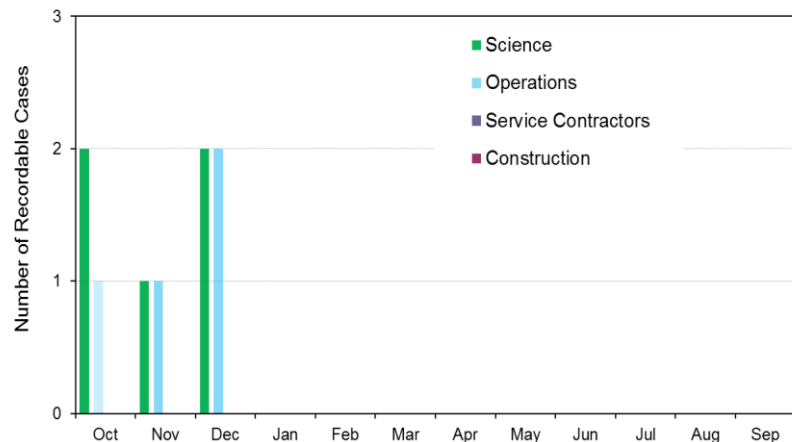
# LBNL DART Cases by Res Division FY16 through December 31, 2015



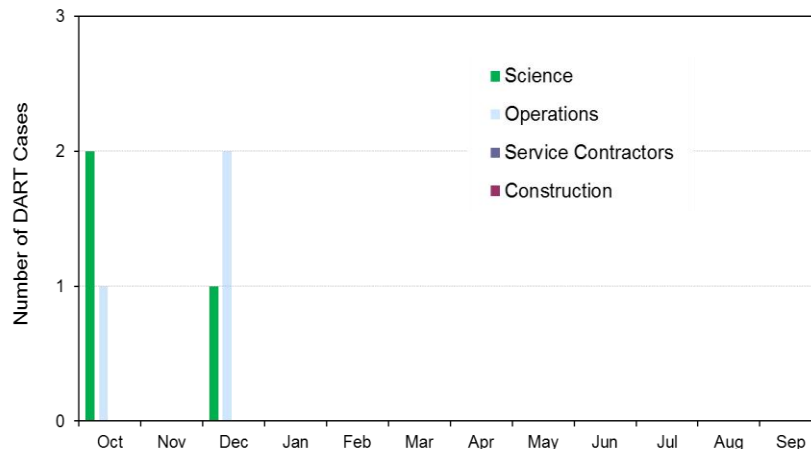
## LBNL DART Cases by Ops Division FY16 through December 31, 2015



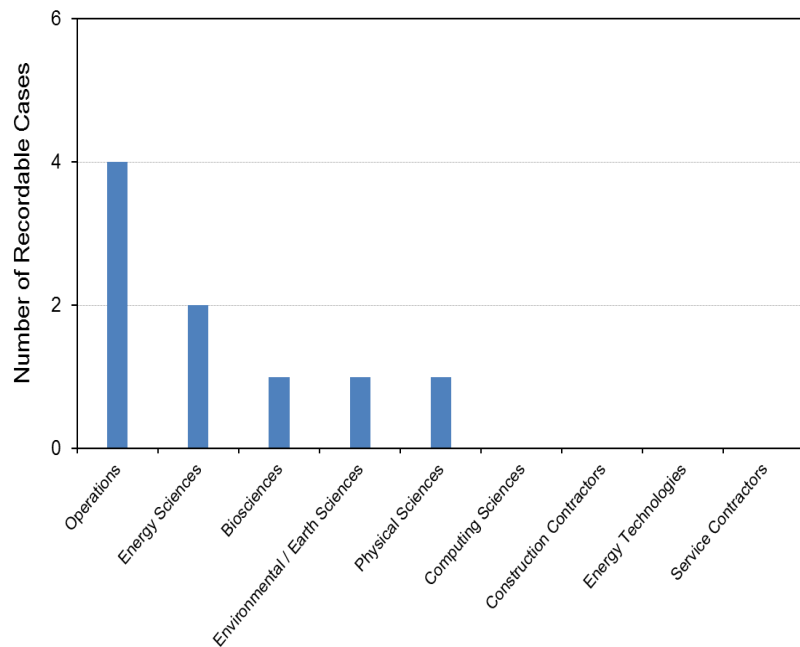
Recordable Cases by LBNL Major Organization  
FY 2016 To Date December 31, 2015



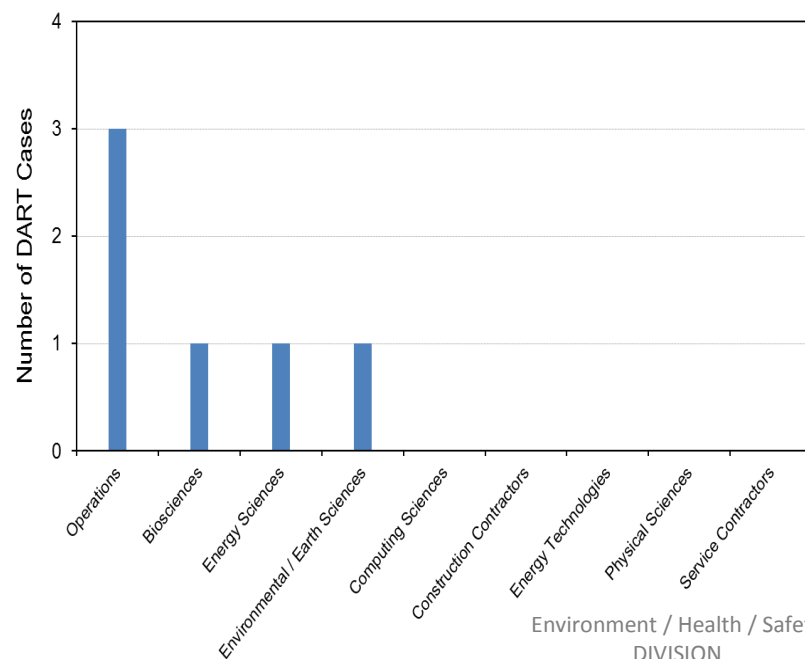
DART Cases by LBNL Major Organization  
FY 2016 To Date December 31, 2015



Recordable Cases by Associate Laboratory Directorate  
FY 2016 To Date December 31, 2015

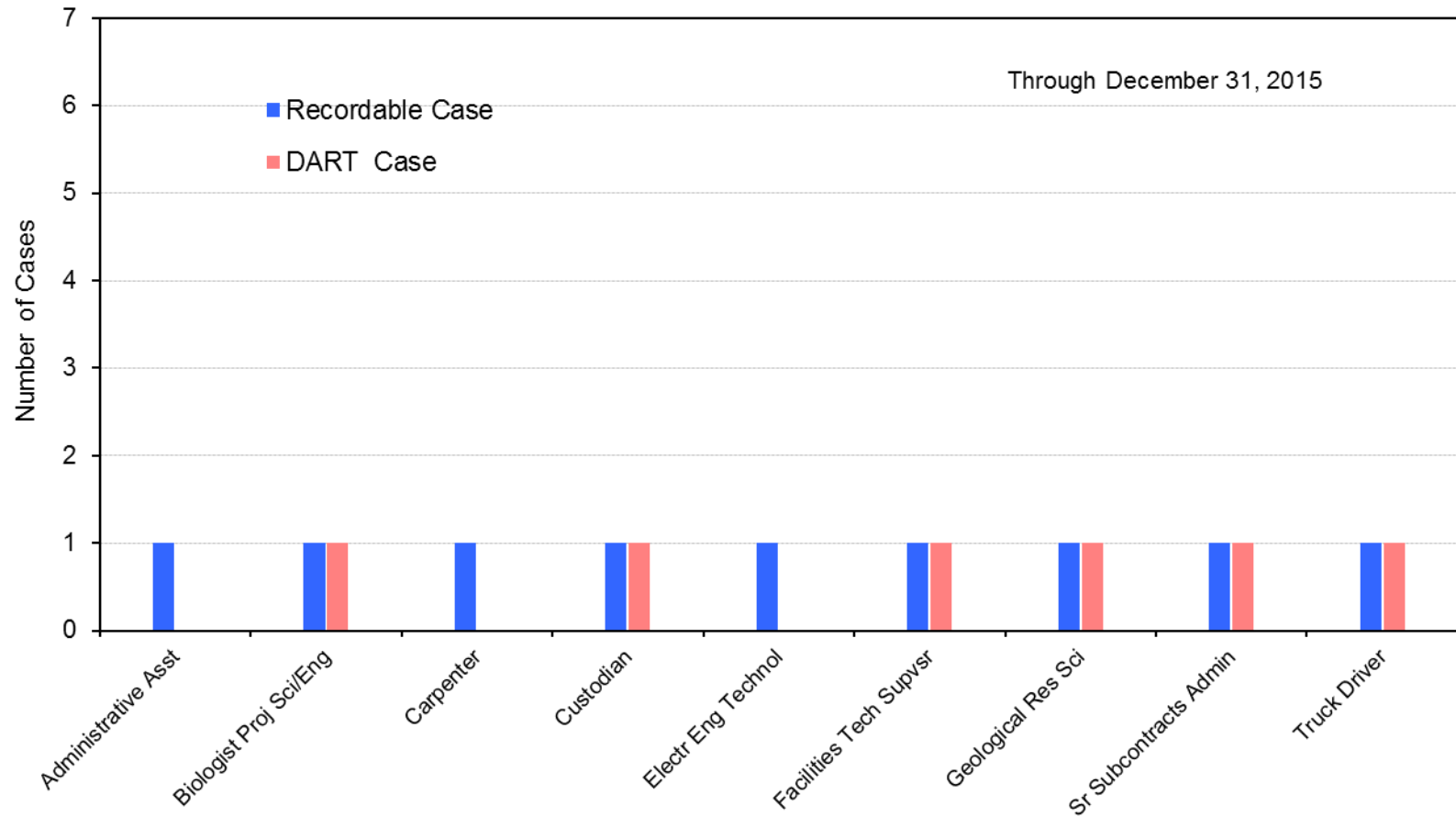


DART Cases by Associate Laboratory Directorate  
FY 2016 To December 31, 2015

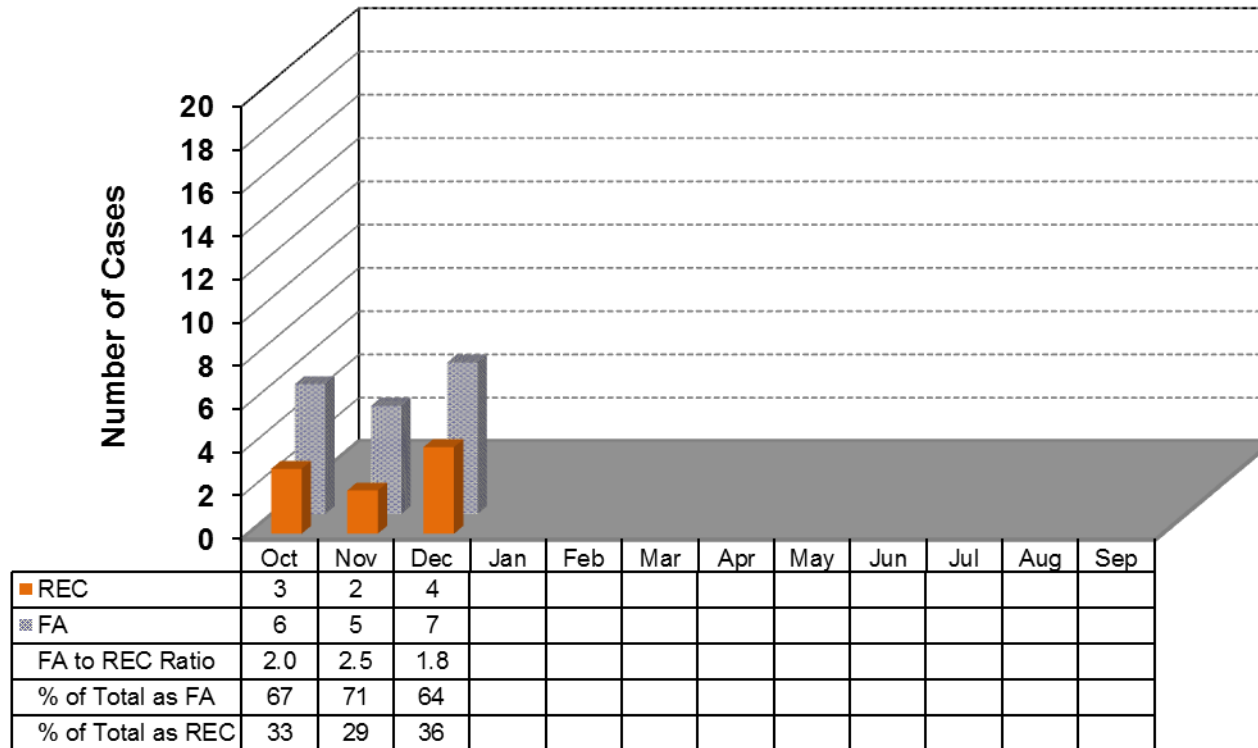


# Recordable and DART Cases by Job Classification

## Recordable and DART Cases by Job Classification

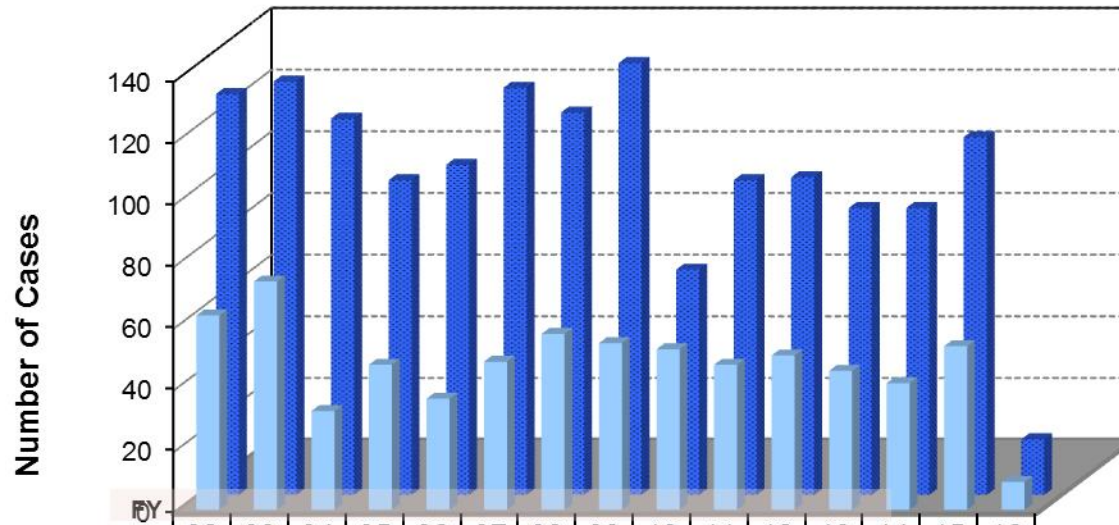


## FY2015 First Aid to Recordable Comparison by Month through December 31, 2015





## FY02 to FY2015 First Aid to Recordable Comparison by Year through December 31, 2015



FY	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
REC	63	74	32	47	36	48	57	54	52	47	50	45	41	53	9
FA	130	134	122	102	107	132	124	140	73	102	103	93	93	116	18
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.6	1.4	2.2	2.0	2.0	2.2	2.1	2.0
% of Total as FA	67	64	79	68	75	73	69	72	58	68	67	67	69	69	67
% of Total as REC	33	36	21	32	25	27	31	28	42	32	33	33	31	31	33

# **LBNL Total Recordable Cases October 1, 2015 - September 30, 2016 (FY16)**

	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Total YTD
<b>LBNL Research</b>													
<b>Biosciences</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
Biosci Area Office	1	0	0	0	0	0	0	0	0	0	0	0	1
Biological Systems / Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmental Genomics / System Biology	0	0	0	0	0	0	0	0	0	0	0	0	0
Molecular Biophysics / Bioimaging	0	0	0	0	0	0	0	0	0	0	0	0	0
JGI	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Computing Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Computing Sci Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	0	0	0	0	0	0	0	0	0	0
Scientific Networking	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Energy Sciences</b>	0	0	2	0	0	0	0	0	0	0	0	0	2
ES Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Advanced Light Source	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical Sciences	0	0	1	0	0	0	0	0	0	0	0	0	1
Material Sciences	0	0	1	0	0	0	0	0	0	0	0	0	1
<b>Energy Technologies</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
ET Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Technology / Urban Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Analysis / Environmental Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Storage / Distributed Resources	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Environmental and Earth Sciences</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
E&ES Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Climate / Ecosystem Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Energy Geosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Physical Sciences</b>	0	1	0	0	0	0	0	0	0	0	0	0	1
Phys Sci Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAP	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	1	0	0	0	0	0	0	0	0	0	0	1
Nuclear Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Research Sub-Total</b>	2	1	2	0	0	0	0	0	0	0	0	0	5
<b>LBNL Operations</b>													
CFO	0	0	1	0	0	0	0	0	0	0	0	0	1
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
EHS	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	1	1	1	0	0	0	0	0	0	0	0	0	3
Human Resources	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective Services	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Operations Sub-Total</b>	1	1	2	0	0	0	0	0	0	0	0	0	4
<b>LBNL Total</b>	3	2	4	0	0	0	0	0	0	0	0	0	9
<b>LBNL Construction</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Site Grand Total</b>	3	2	4	0	0	0	0	0	0	0	0	0	9
Prior Year (FY15) Site Grand Total	6	2	2	4	6	8	5	5	1	3	9	3	54
Color Gradation Key:	0	1	2	3	4	5	6	7	8+				

Data as of 12/31/15

Notes: Projections assume that hours worked will remain constant

Environment / Health / Safety  
DIVISION

**LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2015 - September 30, 2016 (FY16)**

	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Total YTD
<b>LBNL Research</b>													
<b>Biosciences</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
Biosci Area Office	1	0	0	0	0	0	0	0	0	0	0	0	1
Biological Systems / Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmentl Genomics / System Biolog	0	0	0	0	0	0	0	0	0	0	0	0	0
Molecular Biophysics / Bioimaging	0	0	0	0	0	0	0	0	0	0	0	0	0
JGI	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Computing Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Computing Sci Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	0	0	0	0	0	0	0	0	0	0
Scientific Networking	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Energy Sciences</b>	0	0	1	0	0	0	0	0	0	0	0	0	1
ES Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Advanced Light Source	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Sciences	0	0	1	0	0	0	0	0	0	0	0	0	1
<b>Energy Technologies</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
ET Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Building Technology / Urban Systems	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Analysis / Environmental Impact	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Storage / Distributed Resources	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Environmental and Earth Sciences</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
E&ES Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
Climate / Ecosystem Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Energy Geosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Physical Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Phys Sci Area Office	0	0	0	0	0	0	0	0	0	0	0	0	0
ATAP	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Nuclear Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Research Sub-Total</b>	2	0	1	0	0	0	0	0	0	0	0	0	3
<b>LBNL Operations</b>													
CFO	0	0	1	0	0	0	0	0	0	0	0	0	1
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
EHS	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	1	0	1	0	0	0	0	0	0	0	0	0	2
Human Resources	0	0	0	0	0	0	0	0	0	0	0	0	0
Information Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective Services	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Operations Sub-Total</b>	1	0	2	0	0	0	0	0	0	0	0	0	3
<b>LBNL Total</b>	3	0	3	0	0	0	0	0	0	0	0	0	6
<b>LBNL Construction</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Site Grand Total</b>	3	0	3	0	0	0	0	0	0	0	0	0	6
Prior Year (FY15) Site Grand Total	1	0	2	0	1	3	1	3	0	0	6	1	18
Color Gradation Key:	0	1	2	3	4	5	6	7	8+				

Data as of 12/31/15

Notes: Projections assume that hours worked will remain constant



U.S. DEPARTMENT OF  
**ENERGY**



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